

PATENT  
ATTORNEY DOCKET NO.: JHU1660-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Nelson et al. Art Unit: Unassigned  
Parent Serial No.: 09/687,246 Examiner: Unassigned  
Parent Filing Date: October 12, 2000  
Serial No.: Unassigned  
Filed: September 15, 2003  
Title: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE DISORDERS

**Mail Stop PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 § CFR 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/687,246, filed October 12, 2000, which is relied upon for an earlier filing date under 35 USC § 121. For the convenience of the Examiner, copies of the PTO Forms 892 and 1449 are enclosed.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.10 "EXPRESS MAIL" Mailing Label Number: <u>EV 318 739 909 US</u> Date of Deposit: <u>September 15, 2003</u>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
<u>JASON BERRY</u> (Name of Person Mailing Paper)	
<u>Jason Berry</u> (Signature)	September 15, 2003 (Date)

In re Application of:  
Nelson et al.  
Application No.: Unassigned  
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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: September 15, 2003

  
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Substitute for form 1449A/PTO		MAY 03 2001		COMPLETE IF KNOWN	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets necessary)		Application Number	09/687,246		
		Filing Date	October 12, 2000		
		First Named Inventor	Nelson et al.		
		Group Art Unit	Unknown	1634	MAY 07 2001
		Examiner Name	Unknown		
SHEET	1	OF	1	Docket Number	JHU1660-1

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**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

#### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
<i>qp</i>		TCHOU, JULIA C. et al., "GSTP1 CpG Island DNA Hypermethylation in Hepatocellular Carcinomas", International Journal of Oncology 16, 2000 pages 663-676	

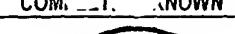
Examiner Signature	<i>Jehanne Souaya</i>	Date Considered	4/15/02
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two letter-code (WIPO Standard ST.3)

<sup>4</sup>Unique citation designation number. See attached kinds of U.S. Patent Documents. <sup>5</sup>Enter Office that issued the document, by the year of issue (see WIPO Standard St. 16). <sup>6</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449A/PTO				COM. <u>1.</u> KNOWN
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets necessary)				
SHEET	1	OF	1	
Application Number <u>09/687,246</u>				
Filing Date <u>October 12, 2000</u>				
First Named Inventor <u>Nelson et al.</u>				
Group Art Unit <u>1655-1634</u>				
Examiner Name <u>Souaya, J.</u>				
Docket Number <u>JHU1660-1</u>				



U.S. PATENT DOCUMENTS						Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code <sup>2</sup> (If known)				
Q		5,891,628		Reeders et al.	04/06/99	1-4, 6-7, 9-16, 18-79, 81-82, 84-85	
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						JUL 1 2001	
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## **FOREIGN PATENT DOCUMENTS**

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

OTHER PCT OR PCT-RELATED LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T6
qp		Steinmetz, K.L. et al.; Hypomethylation of the rat glutathione S-transferase pi (GSTP) promoter region isolated from methyl-deficient livers and GSTP positive liver neoplasms; Carcinogenesis, 1988, Vol. 19, No. 8, pages 1487-1494; see whole document.	
↓		Jhaveri, M.S. et al.; Methylation-mediated regulation of the glutathione-S-transferase P1 gene in human breast cancer cells; Gene, 1998, Vol. 210, pages 1-7; see whole document.	
		Copy of PCT International Search Report Document for PCT/US00/28427 (4 pages)	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. Enter Office that issued the document, by the two letter-code (WIPO Standard St.15)  
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<b>Notice of References Cited</b>		Applicant/Patent Nelson et al	Application/Control No. <b>09/687,246</b>
		Examiner Jehanne Souaya	Art Unit <b>1634</b> Page 1 of 1

**U.S. PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Name	Classification <sup>2</sup>	
X	A 6,017,704	1/2000	Herman et al.	435	6
	B				
	C				
	D				
	E				
	F				
	G				
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	J				
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N					
O					
P					
Q					
R					
S					
T					

**NON-PATENT DOCUMENTS**

*	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages		
U	De Oliveira e Silva et al., Arquivos De Gastroenterologia, vol. 27, 1990, English abstract only		
V	Imai et al., Carcinogenesis, vol. 18, pp 545-551, 1997		
W	Steinmetz et al., Carcinogenesis, vol. 19, pp 1487-1494, 1998		
X			

\* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).

<sup>1</sup>Dates in MM-YYYY format are publication dates.

<sup>2</sup>Classifications may be U.S. or foreign.

<b>Notice of References Cited</b>	Application/Control No.	Applicant(s)/Patent Under Reexam
	09/687,246	Nelson et al
	Examiner Jehanne Souaya	Art Unit 1634

**U.S. PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Name	Classification <sup>2</sup>	
X	A 5,552,277	9/1996	Nelson et al.	435	
B					
C					
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